Philips Mobile Cardiac Telemetry – MCOT

Superior cardiac data that’s right on time
Accurate diagnosis without delay

Patients with clinically actionable arrhythmias can benefit from timely diagnosis and effective treatments. Monitoring with near real-time analysis and the delivery of urgent and emergent notifications can help you reach a quicker diagnosis.

MCOT’s superior detection and high diagnostic yield expedite patient treatment decisions

Monitoring with Philips MCOT gives you near real-time analysis, along with the delivery of urgent and emergent notifications, powered by the SmartDetectAI algorithm, which can help you reach a quicker diagnosis.

MCOT powered by SmartDetectAI provides near real-time arrhythmia analysis with rate, rhythm, QRS morphology and AF using p-wave analysis.

Proven to detect atrial fibrillation with 100% sensitivity and 100% positive predictivity in the detection of ≥30-second AF episodes.¹

No false AF negatives or positives – Philips delivers accurate data you can trust.¹

MCOT has QRS morphology with lower rate VT analysis of >100 bpm.

Two channels of ECG data, with up to 30 days of continuous monitoring and data storage – delivers the data you need to make a timely and accurate diagnosis.

Validated by clinical evidence from more than 41 studies, articles and abstracts.

SmartDetectAI algorithm

P-wave analysis  Rate

SmartDetectAI  Rhythm

QRS morphology

Cardiac technician review
MCOT demonstrates faster time to first arrhythmia detection

MCOT’s superior detection, high diagnostic yield and 30-day monitoring duration mean the SmartDetectAI algorithm can accurately identify arrhythmias both early and later in the monitoring period – this helps prevent delays in treatment.

MCOT detects events throughout an extended monitoring period$^2$

- Greater than 74% of all actionable arrhythmia detections happen within 14 days.$^2$
- 26% of actionable arrhythmias are detected after day 14, with nearly half of these occurring after day 21.$^2$
Robust insights delivered through high-quality actionable reports – to enable confident care decisions

Patients with clinically actionable arrhythmias can benefit from timely diagnosis and effective treatments. Monitoring with Philips MCOT gives you near real-time analysis, along with the delivery of urgent and emergent notifications, powered by the SmartDetectAI algorithm, which can help you reach a quicker diagnosis.

- **One-page, comprehensive AF summary** to quickly identify the presence of significant arrhythmias, AF, SVT, Longest Pause, Slowest Heart Block and VT.
- **Near real-time analysis of urgent and emergent events** – with full disclosure and ECG data fetch available – provides the clinical insights you need to accelerate diagnosis and treatment.
- **Monitor patient’s compliance with daily heart rate activity trends** and easily view all patient-initiated symptoms that occurred during the reporting period.
- **Daily reports** provide clinically significant arrhythmia information summarized on a single page.
- **Urgent/emergent notifications** are customized and reports are delivered based on physician preference, streamlining review.

Find and treat more arrhythmias –

12% of MCOT patients required a surgical procedure.³

1/3 of patients using MCOT required treatment interventions.³
Monitoring and event summaries include total time and days monitored and start and end dates.

One-page comprehensive arrhythmia summary to quickly identify the presence of significant arrhythmias, AF, SVT, Longest Pause, Slowest Heart Block and VT.

AF summary with AF durations, episodes, burden and high/low/average heart rate trends.

When the report contains PVC burden, a representative sample strip is included.

Monitoring with near real-time analysis, urgent and emergent event notifications, and optional full disclosure reports provides you with clinical insights to accelerate diagnosis and treatment.
Simple and easy for practices and patients

• Simple and easy for patients to use and wear to increase compliance*
• Multiple wear options (ECG electrode Patch, Lead Wire Adapter and Flex Adapter) are available to suit patients’ individual needs
• Philips is contracted with over 700 payors**

* Philips data on file, Heart 32.
** Philips AM & DECG Solutions as of November 2021.
† Patient will need to replace patch on day five of wear, or sooner as required.
Patients are well connected 24/7

- Online and email support
- Shipping and tracking
- Customer service support
- Instructional videos

Simple for your practice

- Telehealth option frees staff time by providing 24/7 patient support, online educational videos and home-delivery within days of prescription order
- Multi-channel patient engagement program keeps patients connected and can reduce potential calls to your staff*
- Bi-directional EMR integration solutions from Philips create workflow efficiencies by enabling ease of ordering and report reviewing

Simple for your patients

- Small, lightweight (<1 oz.) and water-resistant patch enhances comfort
- Rechargeable sensor (ECG recorder) and multiple patches enable up to 30 days of wear**
- Multiple wear options (patch, Lead Wire Adapter and Flex Adapter) are available to suit patients' individual needs

* May require patient opt-in and an email address.
** Patient will need to replace patch on day five of wear, or sooner as required.
Heart Care. Everywhere.

Philips helps you extend patient oversight beyond hospital walls and improve outcomes with a comprehensive portfolio of cardiac ambulatory monitoring services that include a range of monitors with flexible wear options to enhance patient compliance. Cloud-based AI and advanced algorithms quickly process high-quality ECG data into actionable, easy-to-read reports that integrate with your departmental systems and your EMR to accelerate decision-making, support streamlined workflows and help you deliver patient-centered heart care everywhere.

With Philips, you can:

Access curated, actionable cardiac data powered by cloud-based AI and advanced algorithms that support accurate, timely diagnosis and proactive treatment.

Streamline cardiac workflows and smooth transitions of care with standardized, end-to-end clinical care pathways that drive efficient, reproducible care.

Extend cardiac patient oversight beyond hospital walls with a comprehensive range of cardiac ambulatory monitoring services.

Deliver patient-centered cardiac care with easy-to-use monitors (phones) and support services that increase patient satisfaction and compliance.

For more information, contact your local Philips Account Executive or visit www.philips.com/ECGSolutions

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Mobile Cardiac Telemetry (MCT) monitor CPT codes

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Event monitor CPT codes

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1. Based on MIT-BIH (Massachusetts Institute of Technology-Beth Israel Hospital) Arrhythmia Database testing of ≥30-second AF episodes. (FDA 510k submission).

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